

BRIHANMUMBAI MUNICIPAL CORPORATION
STORM WATER DRAINAGE DEPARTMENT



EXPRESSION OF INTEREST
FOR

**Study, Development, Implementation, and Maintenance of AI/ML-enabled solutions for
Desilting of Nallas in Mumbai to Enhance Transparency and Accountability**

Website: <https://portal.mcgm.gov.in/>

**Office of Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb,
5th Floor, Parivar Building situated on plot bearing CTS no. 119/B of
village Kanjur (East), Mumbai – 400042**

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DISCLAIMER

The information contained in this Expression of Interest (the "EOI") or subsequently provided to Applicant(s)/Agency, whether verbally or in documentary or any other form by or on behalf of the Authority or any of its employees or advisors, is provided to Applicant(s)/Agency on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.

This EOI is published with the intention to select agency to Study, Development, Implementation, and Maintenance of AI/ML-enabled solutions for all activities related to Desilting of Nallas in Mumbai to enhance Transparency and Accountability for Brihanmumbai Municipal Corporation (BMC).

This EOI is not an agreement and is neither an offer nor invitation by the Brihanmumbai Municipal Corporation (BMC) to the prospective Applicants/Agency or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in making their key submissions pursuant to this EOI. Each Applicant should conduct its own studies and analysis before submitting EOI.

Information provided in this EOI to the Applicant(s)/Agency is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive on account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The BMC accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

BMC and its employees make no representation or warranty and shall have no liability to any person, including any Applicant/Agency under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the EOI and any assessment, assumption, statement or information contained therein or deemed to form part of this EOI or arising in any way by submitting the EOI for the subject work.

BMC also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused to any applicant arising from reliance upon the statements contained in this EOI.

BMC may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this EOI.

The issue of this EOI does not imply that, the Authority is bound to select an Applicant/Agency or to appoint the Selected Applicant/Agency, as the case may be, for the subject work and the Authority reserves the right to reject all or any of the Applicant/Agency or Applications without assigning any reason whatsoever.

The Applicant/Agency shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BMC, or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Applicant/Agency and the BMC shall not be liable in any manner, whatsoever, for the same or for any other costs or other expenses incurred by an Applicant/Agency in preparation or submission of the Application, regardless of the conduct or outcome of the Application Process.

**BRIHANMUMBAI MUNICIPAL CORPORATION
SWD DEPARTMENT**

NOTICE INVITING EXPRESSION OF INTEREST

Brihanmumbai Municipal Corporation invites expression of interest for
**“Study, Development, Implementation, and Maintenance of AI/ML-enabled solutions for
Desilting of Nallas in Mumbai to Enhance Transparency and Accountability.”**

EOIs are invited from service providers of national or international repute with demonstrated experience, technical capability, and sufficient financial resources to execute the proposed work.

This EOI does not constitute a Request for Qualification (RFQ), Request for Proposal (RFP), or tender document. The purpose of this EOI is to evaluate and identify suitable technologies and methodologies that can be implemented in Mumbai to achieve the stated objectives. The proposed solutions should be user-friendly and designed to support desilting operations while ensuring enhanced transparency and accountability.

Based on the assessment of responses received from eligible applicants/organizations, the Authority may initiate a formal procurement process through the issuance of a closed tender for the selection of the suitable firm from the shortlisted applicants/organizations.

The EOI is to be submitted in sealed envelopes and addressed in the offline mode to the

Office of Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb,
5th Floor, Parivar Building situated on plot bearing CTS no. 119/B of
village Kanjur (East), Mumbai – 400042

EOI document can be downloaded from the website <https://portal.mcgm.gov.in/>

sd/-
Ch.E. (SWD)

SCHEDULE OF EOI PROCESS
No. Dy.Ch.E./ 8751 /SWD/ ES dt. 28.11.2025

1.	EOI document number	AMC/P/5727 dtd. 27.11.2025
2.	Name of the Organization	Brihanmumbai Municipal Corporation (BMC)
3.	Name of EOI	Study, Development, Implementation, and Maintenance of AI/ML-enabled solutions for all activities related to Desilting of Nallas in Mumbai to Enhance Transparency and Accountability
4.	Mode of submission	Offline; Physical copies
5.	Date for downloading the EOIdocument	29.12.2025 at 11.00 Hrs. to 09.12.2025 at 11.00 Hrs.
6.	Pre-Bid Meeting	04.12.2025 at 11.30 Hrs. at below mentioned address
7.	Last date for submission of expression of interest (EOI due date)	11.12.2025 at 16.00 Hrs.
8.	Opening of EOI	12.12.2025 at 15.00 Hrs
9.	Name of the Client's official for addressing queries and clarifications	Office of Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb, 5th Floor, Parivar Building situated on plot bearing CTS no. 119/B of village Kanjur (East), Mumbai – 400042 Email ID:dyches01es.swd@mcgm.gov.in

The Schedule indicated above is tentative and BMC reserves the right to change the above schedule.

If any date specified herein is a holiday, then the next working day will be considered for the activity and the time will remain the same.

sd/-
Ch.E. (SWD)

1. Introduction

The Brihanmumbai Municipal Corporation (BMC) oversees an area of 437.71 sq km and serves a population of 12.4 million, as per the 2011 census. Mumbai is a major hub for international trade and government revenue, renowned for its educational institutions and advancements in science and technology.

Historically, Mumbai has a strong tradition of civic activism aimed at improving the quality of life for all its residents. The BMC, as the primary agency for urban governance in Greater Mumbai, is one of the largest local self-governments in Asia. In response to evolving urban needs, BMC has focused on delivering a wide range of engineering services, including hydraulics, stormwater drainage, sewerage, water supply, road and bridge construction, solid waste management, etc.

Committed to modernizing its core operations to enhance service delivery, transparency, and public accountability, BMC invites Expressions of Interest (EOI) from qualified agencies for the study, design, development, implementation, and maintenance of an Artificial Intelligence (AI) and Machine Learning (ML)-enabled solution for the desilting of nallas across Mumbai. This initiative aims to transform the existing desilting process into a smart, technology-driven ecosystem by leveraging emerging technologies such as AI, ML, and IoT. The selected agency will be expected to propose innovative, scalable, and citizen-centric solutions that address current operational challenges, enhance environmental outcomes, and promote civic engagement.

2. Background

The Brihanmumbai Municipal Corporation (BMC) is responsible for maintaining the city's stormwater drainage infrastructure, including nallas and culverts, to prevent urban flooding and ensure public safety during the monsoon season. Each year, extensive desilting operations are conducted across Mumbai; however, challenges remain in accurately identifying silt accumulation, prioritizing cleaning efforts, and verifying execution. These issues stem from manual processes, fragmented data, and limited real-time visibility, which hinder operational efficiency and transparency.

To modernize its approach, BMC plans to leverage Artificial Intelligence (AI) technologies for a data-driven, predictive, and automated desilting strategy. The corporation seeks a qualified agency to conduct a comprehensive study and implement AI-based solutions that analyze historical and real-time data, assess silt levels using remote sensing and computer vision, and optimize desilting schedules through machine learning models. The proposed solution aims to enhance planning accuracy, reduce operational costs, and improve accountability through intelligent monitoring and reporting mechanisms.

This initiative represents a significant shift in BMC's urban stormwater management strategy, laying the groundwork for a resilient, transparent, and technology-enabled civic infrastructure. As of October 2025, BMC has successfully desilted over 890,000 metric tons (MT) across major and minor nallas as well as the Mithi River. These operations have involved more than 48,000 vehicle trips throughout the city during the pre-monsoon, monsoon, and post-monsoon periods.

2.1. Challenges

1. **Structured Data Logging with Scope for Real-Time Enhancement:** Current desilting records provide a foundation for tracking activities, and there is an opportunity to integrate real-time visibility for greater efficiency.
2. **Image and Video Verification Framework in Place:** Visual documentation supports compliance checks and improving image quality (overcome Ghost imaging) can further strengthen accuracy and reduce discrepancies.
3. **Responsive Maintenance Approach:** Emergency interventions ensure quick resolution of blockages, and introducing predictive analytics can transform this into a proactive maintenance model.

4. **Established Manual Inspection Processes:** Existing processes rely on manual inspections, which ensure basic monitoring but restrict transparency. Introducing sensor-based real-time monitoring systems can further enhance efficiency, improve transparency, and minimize manual intervention. Advanced solutions such as Digital Twins offer opportunities for predictive insights and optimized performance.
5. **Operational Use of Desilting Machinery:** Equipment is actively deployed for desilting tasks, and predictive maintenance can enhance uptime and minimize delays.
6. **Depth Measurement Practices for Planning:** Manual measurements assist in estimating silt volumes, and adopting automated tools can improve accuracy for budgeting and tendering.
7. **Defined Routing and Fleet Monitoring:** Current routing ensures task completion, and dynamic routing with geo-fencing can further optimize fuel usage and reduce delays.
8. **Citizen Grievance and Feedback Channels:** Citizens can report drainage issues through available means, and an integrated platform (with existing BMC grievance system) can elevate engagement and transparency.
9. **Real-time monitoring and integration of unloading activity at dumping ground-** Current system is working with GPS tracking, we required exact tracking spot for unloading of silt. Geofencing can be used to resolve this issue, other AI based solution with real time tracking can be explored.

3. Scope of Work and Objectives of EOI

The primary objective of this initiative is to analyze the desilting process, evaluate existing applications, and propose solutions for comprehensive monitoring of desilting operations in Mumbai using Artificial Intelligence (AI) and Machine Learning (ML). The scope includes the following key points:

1. **Establish a Smart Desilting Ecosystem:** Develop an integrated platform that employs AI, ML, IoT, GIS, etc. technologies to digitize, monitor, and optimize desilting operations throughout the city.
2. **Enhance Transparency and Accountability:** Implement secure digital logs, AI-enhanced image verification, and user-friendly dashboards to ensure tamper-proof compliance and foster trust in the system.
3. **Enable Predictive and Real-Time Monitoring:** Utilize AI models for anomaly detection, trip prediction, and equipment maintenance to minimize emergency interventions and enhance planning. Incorporate vehicle tracking and geofencing to monitor real-time vehicle locations.
4. **Optimize Resource Allocation and Operational Efficiency:** Leverage reinforcement learning and dynamic routing algorithms to reduce turnaround times, fuel consumption, and manual effort in desilting operations.
5. **Improve Environmental and Public Health Outcomes:** Apply AI to design sediment traps, monitor silt volumes, and mitigate illegal dumping, thereby reducing urban flooding and pollution.
6. **Foster Citizen Engagement and Civic Participation:** Develop gamified reporting applications and AI-powered chatbots to crowdsource clog reports, enhancing service responsiveness and community involvement.
7. **Environmental Monitoring and Compliance:** Implement dust and pollution monitoring using AI models to detect excessive dust or emissions during material handling operations. Combine video analytics with IoT sensors for accurate air quality assessments, real time monitoring of any anomalies.
8. **Spillage and material Detection:** Employ computer vision technology or equivalent technology to identify material, any spills during loading and unloading processes, ensuring immediate notification to central command and control center for maintaining site cleanliness, mitigate fraudulent activities and regulatory compliance.

9. **Integration with Weighbridge Data:** Integrate weighbridge data with license plate recognition systems to associate weight readings with specific trucks, enhancing tracking and accountability.
10. **Central Monitoring:** Study of existing application, suggest changes and improvements, and development of new application (if required) for centralized monitoring of all activities as mentioned in above points. The selected agency should also suggest Large Language Model (LLM) based dashboard for monitoring by senior officials.
11. **Real-time monitoring and integration of unloading activity at dumping ground:** Geofence the unloading plot so as to ensure the precise detection of the material is being unloaded at the exact and identified unloading spots and to implement a tool monitoring using AI models to certification of trips based upon the type of material being unloaded as well as precision of the unloading location finalized and identified at the time of commencement of work.

This comprehensive approach aims to transform the desilting process into a more efficient, transparent, and environmentally responsible operation while actively engaging the community in the efforts to maintain urban infrastructure.

4. Eligibility Criteria

1. Legal and Financial capacity
 - a. Registered legal entity in India - A company incorporated in India under the Indian Companies Act 1956 / 2013 and amendments thereof.
OR
A registered LLP under the Limited Liability Partnership Act 2008 and amendments thereof
 - b. Minimum average annual turnover of at least ₹10 crore in last 3 financial years for the lead bidder and positive net worth for the lead partner and/ or joint venture/ consortium partner.
 - c. The Lead Bidder and / or joint venture/ consortium partner should not have been blacklisted / barred by any Central or State Government or PSU and should not be involved in any major litigation that may affect or compromise the delivery of service required.
2. Experience and Past Performance
 - a. Minimum 3 years of experience in AI/ML development.
 - b. At least 2 completed projects in AI/ML for government, public sector, or large enterprises.
 - c. Demonstrated success in similar domains (e.g., predictive analytics, NLP, computer vision).
3. Technical Capability
 - a. In-house team with expertise in AI/ML frameworks (e.g., TensorFlow, PyTorch, Scikit-learn).
 - b. Access to necessary infrastructure (cloud platforms, GPUs, data pipelines).
 - c. Capability to handle data privacy, model explainability, and bias mitigation.
4. Human Resources
 - a. Minimum team composition: 1 Data Scientist, 1 ML Engineer, 1 Project Manager.
 - b. CVs of key personnel with relevant qualifications (e.g., B.E./B. Tech or above, and certifications).
5. Compliance and Standards
 - a. Adherence to ethical AI principles and government AI guidelines (e.g., NITI Aayog's Responsible AI, India AI Governance Guidelines).
 - b. Compliance with data protection laws (e.g., Digital Personal Data Protection (DPDP) Act 2023).
6. Innovation and R&D

- a. Demonstrated use of cutting-edge techniques (e.g., federated learning, LLMs, reinforcement learning).
 - b. Patents, publications, or awards in AI/ML domain (optional but desirable).
7. Consortium Bidding: Maximum of two firms are allowed to do partnerships between tech firms and domain experts and/or OEMs.

5. Preparation, Submission and Evaluation Requirements

5.1. General Terms and Conditions

The proposal shall be submitted offline at the Office of Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb, 5th Floor, Parivar Building situated on plot bearing CTS no. 119/B of village Kanjur (East), Mumbai – 400042

Agencies shall be advised to fill in the Proposal documents as per the following details:

1. Proposal shall be written in English only.
2. Agencies are requested to submit the Proposal carefully after noting the specifications, mentioned for work in the EOI document.
3. Who should sign
 - a. If the proposal is made by a proprietary firm, it shall be signed by the proprietor with his name and the name of his firm with its current address.
 - b. If the proposal is made by firm in partnership, it shall be signed by all the partners of the firm with their full names and current address or by a partner holding the Power of Attorney.
 - c. If the proposal is made by a limited company or a limited corporation or Joint Venture, it shall be signed by a duly authorized person holding the Power of Attorney for signing the proposal in which case a certified copy of the Power of Attorney shall be submitted.
 - d. In case of Consortium, the lead bidder should sign the proposal
4. Participating firms are solely responsible for timely delivery of the responses to the mentioned address and are solely responsible for delays in receipt. Responses not received on or before the last date and time of submission will not be considered. Postal delay shall not be entertained.
5. The response to this EOI notice should be full and complete in all respects. BMC may summarily reject the incomplete or partial responses.
6. The participating firm shall bear all costs associated with the preparation and submission of the EOI, including cost of presentation for the purposes of clarification of the response, if so desired by BMC. BMC will in no case be responsible or liable for any costs involved in this activity, regardless of the conduct or outcome of the process of EOI process.
7. The EOI response shall be signed on each page by the authorized representative of the participating firm and a copy of the power of attorney of the authorized signatory to be attached.
8. BMC reserves the rights to accept or reject any EOI without assigning any reason thereof.
9. The proposal submitted by the agency will be the property of BMC once the proposal is accepted.
10. The decision of Municipal Commissioner of BMC will be final, in case of any dispute.

5.2. Submission of Proposal

5.2.1. Validity of EOI

The EOI shall be valid for a period of not less than 180 days from the last date for submission of the EOI. BMC reserves the right to reject any EOI which does not meet the requirement.

5.2.2. Detailed Proposal Requirements

Applicants are required to submit a comprehensive proposal that demonstrates their capability, experience, and approach to delivering the project successfully. The proposal must include the following components:

1. Relevant Experience and Case Studies with Government Organizations, Public Sector, or large enterprises.
 - a. Provide details of past projects involving AI/ML, IoT, GIS, or emerging technologies.
 - b. Highlight projects executed for government, public sector, or large enterprises.
 - c. Include case studies with measurable outcomes, challenges addressed, and innovations implemented.
 - d. Attach supporting documents such as work orders, completion certificates, and client testimonials.
2. Proposed Approach to the Project
 - a. Outline the methodology for studying, developing, implementing, and maintaining AI/ML-enabled desilting solutions. Clearly specify proposed models (e.g., computer vision for silt detection, predictive analytics for scheduling) with accuracy benchmarks and explainability measures.
 - b. Describe the integration strategy for technologies such as IoT sensors, GIS mapping, blockchain logs, and AI models. Outline interoperability with BMC's existing GIS, weighbridge systems, and operational workflows. Explain AI-driven monitoring for dust, emissions, and spillage aligned with Central Pollution Control Board (CPCB) norms. For IoT & Sensor deployment, provide sensor types, placement strategy, and maintenance protocols for real-time monitoring.
 - c. Include a phased implementation plan with timelines, milestones, and deliverables.
 - d. Address data privacy, model explainability, and bias mitigation strategies. For Data Security & Privacy, State encryption standards, secure storage, and Digital Personal Data Protection Act, 2023 compliance.
 - e. Provide Innovation Roadmap through highlighting advanced techniques (e.g., federated learning, reinforcement learning) for future readiness.
3. Key Personnel and Their Qualifications
 - a. Provide a list of key personnel to be deployed on the project.
 - b. Include their roles, qualifications, certifications, and relevant experience.
 - c. Attach CVs and work experience certificates of key team members.
 - d. Ensure minimum team composition includes:
 - 1 Data Scientist with minimum experience of 3 years
 - 1 ML Engineer with minimum experience of 3 years
 - 1 Project Manager with minimum experience of 10 years
4. References from Past Clients / Client Certificates
 - a. Include references from previous clients with contact details.
 - b. Attach client certificates or letters of appreciation.
 - c. Provide evidence of successful project delivery and client satisfaction.

All documents must be signed by an authorized representative and submitted in hard copy. BMC reserves the right to verify the authenticity of submitted information during evaluation.

5.2.3. Submission Components

The agencies fulfilling the eligibility criteria may submit their application in respect to this EOI as per proforma attached to this document (Appendices) together with requisite documents up to 16:00hrs. on 11-12-2025 physically at the below mentioned address in a sealed envelope, clearly mentioning on the envelope.

**“EXPRESSION OF INTEREST FOR STUDY, DEVELOPMENT, IMPLEMENTATION, AND
MAINTENANCE OF AI/ML-ENABLED SOLUTIONS FOR DESILTING OF NALLAS IN
MUMBAI TO ENHANCE TRANSPARENCY AND ACCOUNTABILITY”**

To:

Office of Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb,
5th Floor, Parivar Building situated on plot bearing
CTS no. 119/B of village Kanjur (East),
Mumbai – 400042

From:

M/S.....

Contact No.:

Email ID:

Your sealed envelope to contain following documents:

1. The EOI duly self-attested on all pages including.
2. Covering Letter – As per Annexure I
3. Financial Capacity – As per Annexure II.
4. Technical Capacity – As per Annexure III.
5. Detailed Technical Proposal (as mentioned in point no 2 of 5.2.2) along with Technical Presentation – Including:
 - a. Understanding of the project scope.
 - b. Proposed methodology and technologies.
 - c. Implementation roadmap and timelines.
6. Relevant Experience and Case Studies with Government Organizations, Public Sector, or large enterprises.Highlighting similar projects (such as initiatives involving the study, development, implementation, and maintenance of AI/ML-enabled solutions for desilting or related infrastructure management) with outcomes and impact.
7. Proposed Approach AI/ML models, integration strategy, and innovation plan.
8. Key Personnel Roles, qualifications, and experience. – As per Annexure IV.
9. Client References -Certificates or letters from past clients.
10. The Bidder should be a company registered under Indian Companies Act, 1956/2013 OR a Partnership Firm registered under Indian Partnership Act, 1932 OR a Proprietorship firm OR a Limited Liability Partnership Firm under Limited Liability Partnership Firm Act 2008, all as amended from time to time. The company/firm should have been in operations for at least five years from the release date of this EOI.Certificate of Incorporation or Copy of the partnership deed/ instrument of partnership or a Copy of LLP agreement.
11. PAN Card of the participating firm(s).
12. Declaration of non-termination/Blacklisting– As per Annexure V
13. Other Documents:
 - a. Local Office Address proof.
 - b. Valid certificates for CMMI Level 3 or above, ISO 27001, ISO 20000, and ISO 22301.
 - c. Detailed architecture diagram or technical capability document showing AI/ML deployment at scale.
 - d. Proof of past cloud deployment projects (GovCloud/NIC Cloud or equivalent) with client certification or work order.
 - e. Disaster Recovery (DR) architecture document or compliance certificate.
 - f. Copies of granted patents or patent application acknowledgments,
 - g. Published research papers in recognized journals or conferences.
 - h. Documentation or certification of proprietary AI/ML models (including proof of ownership or IP rights), if any

- i. Manufacturer's Authorization Form (MAF) on the letterhead of the manufacturing concern and should be signed by a competent person of the manufacture

Note: Submission of all the aforementioned documents is compulsory unless specifically marked as optional. Any application that fails to provide these documents will be deemed non-compliant and disqualified from further consideration.

5.3. Evaluation Criteria and Evaluation Process

5.3.1. All submitted Expressions of Interest (EOIs) will be evaluated by a designated committee based on the evaluation criteria to ensure alignment with the project's objectives and technical requirements. The bids shall be evaluated based on the documents and completeness of the submitted bid as per clause 5.2.2 & 5.2.3.

5.3.2. Only the qualified Applicants/Organization, whose bids are responsive and have complete documents as per clause 5.2.2 & 5.2.3, shall be evaluated further on the parameters as mentioned in the following table:

Evaluation Parameter	Description	Maximum Marks
Technical and Relevant Expertise	Experience in AI/ML, IoT, GIS, blockchain, and related technologies and experience in similar government / public sector projects of value more than INR 2 Crores: 1- 3 projects –15 Marks 4 - 6 projects –20 Marks >6 projects –30 Marks	30
Financial Capacity	Demonstrated financial strength and stability = 10 Crores – 10 marks >10 Crores to 15 Crores – 15 marks > 15 Crores – 20 marks	20
Detailed Technical Proposal (as mentioned in point no 2 of 5.2.2)	Proposal relevance to transparency, accountability, and scalability. <ul style="list-style-type: none"> ▪ Understanding of the project scope – 5 Marks ▪ Proposed Approach & Methodology and Implementation Plan –15 Marks ▪ Innovation and uniqueness in the solutions –10 Marks 	30
Certifications	CMMI Level 3 or above Valid Certification	10
	ISO 27001 Valid Certification	10

Table 1: Evaluation Parameters, description and marks

Note:

1. Applicants/Organization must meet the minimum of 75% of marks as mentioned in Table 1 to be considered for shortlisting and further bid processing.
2. Only shortlisted applicants/organization will be invited for presentations and/or further discussions.
3. The BMC reserves the right to reject any application found to contain invalid, forged, or misleading documents and may initiate appropriate legal action as per applicable laws.
4. The decision of the evaluation committee will be final and binding.

5.3.3. Based on the assessment of responses received from successful Applicants/Organization, as per 5.2.2. & 5.2.3., the Authority may initiate a formal procurement process through the issuance of a closed tender for the selection of the suitable firm from these shortlisted applicants/organizations.

5.4. Committee for Evaluation

There shall be a committee constituted for evaluation of the proposals under the chairmanship of Chief Engineer (SWD) comprising of the following members, who will scrutinize the EOs and will decide the final framework for calling RFP.

1. Chief Engineer (SWD)
2. Deputy Chief Engineer (SWD) Eastern Suburb
3. Deputy Chief Engineer (SWD) Westerns Suburb
4. Deputy Chief Engineer (SWD) City
5. Deputy Chief Engineer (SWD) Planning Cell
6. Representative of Director (I.T.)

6. Timeline

1.	EOI document number	
2.	Name of the Organization	Brihanmumbai Municipal Corporation (BMC)
3.	Name of EOI	Study, Development, Implementation, and Maintenance of AI/ML-enabled solutions for all activities related to Desilting of Nallas in Mumbai to Enhance Transparency and Accountability
4.	Mode of submission	Offline; Physical copies
5.	Date for downloading the EOIdocument	29.12.2025 at 11.00 Hrs. to 09.12.2025 at 11.00 Hrs.
6.	Pre-Bid Meeting	04.12.2025 at 11.30 Hrs. at below mentioned address
7.	Last date for submission of expression of interest (EOI due date)	11.12.2025 at 16.00 Hrs.
8.	Opening of EOI	12.12.2025 at 15.00 Hrs
9.	Name of the Client's official for addressing queries and clarifications	Office of Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb, 5th Floor, Parivar Building situated on plot bearing CTS no. 119/B of village Kanjur (East), Mumbai – 400042 Email ID:dyche01es.swd@mcgm.gov.in

7. Contact Information

1. Agencies shall examine the EOI document and acquaint themselves with all conditions and matters affecting the cost of the supply. If any Agency finds discrepancies or omissions in the document or if any doubt about their meaning, he should immediately address a query to the Brihanmumbai Municipal Corporation prior to the date of submission.
2. For further inquiries or clarifications regarding the EOI, please contact:

Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb
Email ID: dyche01es.swd@mcgm.gov.in

APPENDICES:

Annexure I:

Cover Letter

Date:

To,

Deputy Chief Engineer (Storm Water Drainage) Eastern Suburb,
5th Floor, Parivar Building situated on plot bearing
CTS no. 119/B of village Kanjur (East),
Mumbai – 400042

Subject: Expression of Interest for Study, Development, Implementation, and Maintenance of AI/ML-enabled solutions for Desilting of Nallas in Mumbai to enhance transparency and accountability

Respected Sir,

Having examined the EOI document, I/ we, the undersigned, express our interest in participating in the above-mentioned EOI. We confirm that:

1. I/We have thoroughly reviewed and understood the scope, objectives, and terms outlined in the EOI document.
2. I/We meet all the eligibility criteria specified in the EOI.
3. All information provided in our submission is true and correct to the best of our knowledge.
4. I/We agree to abide by all terms and conditions of the EOI and any subsequent communications.
5. I/We understand that BMC reserves the right to accept or reject any proposal without assigning any reason.

I/ We agree to the terms and conditions mentioned in the EOI document.

Sincerely,

(Seal and Signature)

[Authorized Signatory Name (For and on behalf of)]

[Designation]

[Organization Name]

Contact Details:

1. Name and Address of the Organization

Name:

Address:

Telephone No.:

Fax:

E-mail:

2. Name and Address of the Contact

Person Name:

Address:

Direct Telephone No.:

Mobile No.:

Fax:

E-mail:

Annexure II:**Format of Financial Capability**

(On the Applicant/Organization Letter Head and to be certified by a Chartered Accountant)

Financial Capability**All figures in Rupees Crore**

Sno	Financial Year	Annual Turnover (₹ Crore)	Net Worth (₹ Crore)
1	FY 2024-25		
2	FY 2023-24		
3	FY 2022-23		

Declaration by Chartered Accountant:

I/We hereby certify that the above financial details are true and correct based on the audited financial statements of the applicant.

Name of CA Firm-

Registration No.-

Name of Signing Partner-

Membership No.-

Signature and Seal-

Place:

Date:

Annexure III:

Format for Technical Capacity (On the Applicant/Organization Letter Head)

Technical Capability

Sno	Project Name	Client Name	Scope of the work	Technology Used (AI/ML/NLP/CV etc.)	Project Value (₹)	Completion Date	Status (Completed/Ongoing)
1							
2							
3							

Declaration:

I/We confirm that the above projects were executed by our organization and the information provided is accurate.

Authorized Signatory:

Name-

Designation-

Organization-

Signature and Seal-

Place:

Date:

Additional Attachments:

1. Work orders / Completion certificates
2. Client references
3. Case studies

Annexure IV:

List of Keypersons

(On the Applicant/Organization Letter Head)

List of Key Personnel

Sno	Name	Designation / Role	Area of Expertise	Educational Qualification	Years of Experience	Relevant Projects Handled
1						
2						
3						
4						

Declaration:

I/ We hereby declare that the information provided above regarding the key personnel is true and correct to the best of our knowledge. All personnel listed are part of our organization and will be available for deployment on the project, subject to selection.

Authorized Signatory:

Name-

Designation-

Organization-

Signature and Seal-

Place:

Date:

Additional Attachments:

1. CVs of key personnel in the following Format.
2. Copy of Work Experience Certificates of key personnel.
3. Copy of Certification (e.g., AI/ML, PMP, cloud platforms)

Instructions:

- Ensure roles align with project requirements (e.g., Data Scientist, ML Engineer, Project Manager).
- Highlight certifications (e.g., AI/ML, PMP, cloud platforms) where applicable.

CV Format

1. Name			
2. Current Position			
3. Name of Firm			
4. Date of Birth		Nationality	
5. Education			
School, College and/or University Attended	Degree/ Certificate or other specialized education obtained		Date Obtained
6. Countries of Work Experience			
• India			
7. Languages Proficiency			
Language	Speaking	Reading	Writing
English			
Hindi			
Marathi			
			-
8. Number of years of experience:			
9. Professional Summary			
10. Employment Record			
From	To	Employer	Positions held
11. Detailed Tasks Assigned			
•			
12. Highlights of assignments handled and significant accomplishments			
Name of assignment or project:			

Year:		Location:	
Client:		Positions held:	
Activities performed:			
•			
Name of assignment or project:			
Year:		Location:	
Client:		Positions held:	
Activities performed:			
•			
Name of assignment or project:			
Year:		Location:	
Client:		Positions held:	
Activities performed:			
•			
<p>I, the undersigned certify that, to the best of my knowledge and belief, this biodata correctly describes my qualifications, my experience and myself.</p> <p><u>Signature</u></p> <p><u>Name of Candidate</u></p> <p>Date</p>			

Annexure V:

Declaration of non-termination/Blacklisting

(NOTARIZED UNDERTAKING)

Format for Not being Terminated/ Blacklisted/Barred
(to be submitted by all members of Consortium)

Undertaking

I/We M/s _____ (Name of the Bidder) having head office at
_____ undertake the following:

I/We M/s _____ (Name of the Lead bidder/ Bidder/ Consortium Member) are not
terminated/ blacklisted or barred by any State / Central Government Department or Central /State
PSUs or by any competent courts as on bid submission date.

Signed on behalf of M/s _____

Name of Lead bidder/ Bidder/ Consortium Member-

Designation-

Organization-

Place:

Date: